

## Follow-up report No.10

Report reference: , Reference OIE : 30156, Report Date : 13/04/2019, Country : Iran

### Report Summary

|                                     |  |                              |                  |
|-------------------------------------|--|------------------------------|------------------|
| <b>Name of sender of the report</b> | Dr Alireza Rafiepoor                       | <b>Telephone</b>             | +98 21 8895 7007 |
| <b>Position</b>                     | Head of Iran Veterinary Organization (IVO) | <b>Fax</b>                   | +98 21 8895 8046 |
| <b>Address</b>                      | S.J. Asdaabadi St.<br>Valiasr Ave.         | <b>Email</b>                 | ivohead@ivo.ir   |
|                                     | Tehran 1431683765                          | <b>Date submitted to OIE</b> | 14/04/2019       |

|                                     |   |  |   |
|-------------------------------------|---|--|---|
| <b>Animal type</b>                  | Terrestrial                             | <b>Date of report</b>                    | 13/04/2019  |
| <b>Disease</b>                      | Highly pathogenic avian influenza       | <b>Date of start of the event</b>        | 15/11/2018  |
| <b>Causal Agent</b>                 | Highly pathogenic avian influenza virus | <b>Date of confirmation of the event</b> | 18/11/2018  |
| <b>Serotype(s)</b>                  | H5N8                                    | <b>Date of last occurrence</b>           | 30/01/2017  |
| <b>Reason</b>                       | Recurrence of a listed disease          | <b>Diagnosis</b>                         | Clinical, Laboratory (basic), Laboratory (advanced), Necropsy |
| <b>Country or zone</b>              | the whole country                       | <b>Clinical signs</b>                    | Yes   |
| <b>Number of reported outbreaks</b> | submitted= 6, Draft= 0                  |  |   |

### Outbreak details

| Province                                  | Number of outbreaks    | District           | Sub-district | Unit Type     | Location                      | Latitude           | Longitude | Start Date | End Date:  |
|---|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|------------|
| East Azarbayejan-other report - submitted | -                      |                    |              | Village       | Sholebaran                    | 38.48559           | 47.09883  | 15/11/2018 | 18/11/2018 |
| <b>Species</b>                            | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                                     | Animals                | 215                | 199          | 145           | 70                            | 0                  |           |            |            |
| Affected Population                       | Turkey, chicken        |                    |              |               |                               |                    |           |            |            |

| Province                                  | Number of outbreaks    | District           | Sub-district | Unit Type        | Location                      | Latitude           | Longitude | Start Date | End Date:  |
|---|------------------------|--------------------|--------------|------------------|-------------------------------|--------------------|-----------|------------|------------|
| East Azarbayejan-other report - submitted | -                      |                    |              | Livestock market | Bahman                        | 38.47476742        | 47.072252 | 18/11/2018 | 21/11/2018 |
| <b>Species</b>                            | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b>    | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                                     | Animals                | 53                 | 53           | 3                | 50                            | 0                  |           |            |            |
| Affected Population                       | Turkey, chicken        |                    |              |                  |                               |                    |           |            |            |

| Province                                  | Number of outbreaks    | District           | Sub-district | Unit Type     | Location                      | Latitude           | Longitude | Start Date | End Date:  |
|---|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|------------|
| East Azarbayejan-other report - submitted | -                      |                    |              | Village       | Yaghbastloo                   | 38.50463           | 47.05185  | 19/11/2018 | 22/11/2018 |
| <b>Species</b>                            | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                                     | Animals                | 32                 | 22           | 10            | 22                            | 0                  |           |            |            |
| Affected Population                       | Turkey, chicken        |                    |              |               |                               |                    |           |            |            |

| Province                                  | Number of outbreaks    | District           | Sub-district | Unit Type     | Location                      | Latitude           | Longitude | Start Date | End Date:  |
|---|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|------------|
| East Azarbayejan-other report - submitted | -                      |                    |              | Backyard      | Tabriz city                   | 38.045756          | 46.197428 | 26/02/2019 | 28/02/2019 |
| <b>Species</b>                            | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                                     | Animals                | 31                 | 31           | 10            | 21                            | 0                  |           |            |            |
| Affected Population                       | Backyard poultry       |                    |              |               |                               |                    |           |            |            |

| Province                          | Number of outbreaks    | District           | Sub-district | Unit Type     | Location                      | Latitude           | Longitude | Start Date | End Date:  |
|-----------------------------------|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|------------|
| Tehran- (this report - submitted) | -                      |                    |              | Village       | hesar beyg                    | 35.20394           | 51.71101  | 08/04/2019 | 11/04/2019 |
| <b>Species</b>                    | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |            |
| Birds                             | Animals                | 10000              | 10000        | 4000          | 6000                          | 0                  |           |            |            |

| Province            | Number of outbreaks | District    | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date: |
|---------------------|---------------------|-------------|--------------|-----------|------------------------|-------------|-----------|------------|-----------|
| Species             | Measuring units     | Susceptible | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |           |
| Affected Population | Backyard poultry    |             |              |           |                        |             |           |            |           |

| Province                                    | Number of outbreaks | District    | Sub-district | Unit Type | Location               | Latitude    | Longitude | Start Date | End Date:  |
|---|---------------------|-------------|--------------|-----------|------------------------|-------------|-----------|------------|------------|
| Species                                     | Measuring units     | Susceptible | Cases        | Deaths    | Killed and disposed of | Slaughtered |           |            |            |
| East Azarbayejan- (this report - submitted) | -                   |             |              | Farm      | badihe aghdam          | 37.944969   | 46.012833 | 08/04/2019 | 11/04/2019 |
| Birds                                       | Animals             | 65000       | 65000        | 278       | 64722                  | 0           |           |            |            |
| Affected Population                         | Laying Poultry      |             |              |           |                        |             |           |            |            |

### Outbreak summary: Total outbreaks = 6 (Submitted)

| Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|---------|-------------|-------|--------|------------------------|-------------|
| Birds   | 75331       | 75305 | 4446   | 70885                  | 0           |

### Epidemiology

#### Epidemiological comments

1 - The event was reported based on Iran Veterinary Organization HPAI Epidemio-surveillance Program 2 - The aim is to close the event, in protection zone and surveillance zone trace back & trace forward activities are ongoing

#### Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

### Measures applied

| Applied  | To be applied   |
|--|---|
| <ul style="list-style-type: none"> <li>• surveillance outside containment and/or protection zone</li> <li>• surveillance within containment and/or protection zone</li> <li>• quarantine</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• stamping out</li> <li>• disinfection</li> </ul> | <ul style="list-style-type: none"> <li>• no planned control measures</li> </ul> |
| Animals treated  | Vaccination Prohibited  |
| No   | No  |

### Diagnostic test results

| Laboratory Type     | Name of Laboratory  | Species | Test Type     | Date results provided | Result   |
|---------------------|---|---------|---------------|-----------------------|----------|
| National laboratory | Central Veterinary Laboratory of Iran Veterinary Organization | Birds   | real-time PCR | 11/04/2019            | Positive |
| Local laboratory    | Provincial Veterinary Laboratory of tehran                    | Birds   | real-time PCR | 09/04/2019            | Positive |

### Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

## Outbreak maps

